

# Esref Ozturk

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EMPLOYMENT	<b>Software Engineer</b> (June 2016 - Present) <b>Udemy Inc.</b> , METU Technopolis <ul style="list-style-type: none"><li>R&amp;D on search functionality of <i>www.udemy.com</i> <b>Python</b>, <b>Django</b>, <b>Elastic Search</b></li></ul>
	<b>Software Engineer</b> (February 2016 - May 2016) <b>STM Defence Technologies &amp; Engineering Inc.</b> , Ankara <ul style="list-style-type: none"><li>R&amp;D on automated hardening platform for many systems including various OSes(Windows, Linux, FreeBSD...), web servers, mail servers. <b>Python</b>, <b>Django</b>, <b>Hardening</b></li></ul>
	<b>Software Developer</b> (April 2014 - January 2016) <b>Cyber Warfare Lab, Labris Networks</b> , METU Technopolis <ul style="list-style-type: none"><li>R&amp;D on Labris UTM, a Centos derived Linux distribution designed for unified thread management. <b>C++</b>, <b>Python</b>, <b>Bash</b>, <b>Postgresql</b>, <b>Centos</b>, <b>LDAP</b>, <b>UTM</b></li></ul>
	<b>Contracted Software Developer</b> (June 2014 - September 2014) <b>TUBITAK</b> (The Scientific and Technological Research Council of Turkey) <ul style="list-style-type: none"><li>Developed a kernel module that provides multiple clipboards for Debian based operating systems. More information at <a href="http://multiclip.github.io">http://multiclip.github.io</a>. <b>C</b>, <b>Python</b>, <b>Kernel Hooks</b>, <b>X11</b></li></ul>
	<b>Software Engineering Intern</b> (June 2014 - July 2014) <b>Hazelcast</b> , Istanbul R&D Office <ul style="list-style-type: none"><li>Developed sample Hazelcast integration modules of Hibernate 2nd Level cache and Spring. More information at <a href="https://github.com/hazelcast/hazelcast-code-samples">https://github.com/hazelcast/hazelcast-code-samples</a>. <b>Java</b>, <b>Hazelcast</b>, <b>Derby</b>, <b>Hibernate</b>, <b>Spring</b></li></ul>
	<b>Software Engineering Intern</b> (June 2013 - September 2013) <b>Kovan Research Lab</b> , METU <ul style="list-style-type: none"><li>Developed a web application that lets instructors prepare exams according to preferred criteria. <b>Python</b>, <b>Django</b>, <b>Mysql</b></li></ul>
EDUCATION	<b>M.S., Computer Engineering</b> (Expected graduation: June 2018) Middle East Technical University, Ankara, Turkey
	<b>B.S., Computer Engineering</b> (Graduation: June 2016) Middle East Technical University, Ankara, Turkey
TECHNICAL EXPERIENCE	<b>Pwner</b> (January 2014 - Present) <i>www.0xdefbeef.com</i> <ul style="list-style-type: none"><li>Practicing information security topics, organizing and participating Capture the Flag Competitions.</li></ul>
	<b>Checkmate</b> (September 2014 - January 2015) <i>CheckmateChess.github.io</i> <ul style="list-style-type: none"><li>Web application for playing chess running GNUChess in the background.</li></ul>

## Hypnos

(September 2015 - Present)

*senior.ceng.metu.edu.tr/2016/newline*

- Personalized sleep tracking and analyzing system that focuses on optimizing people's sleep. **Arduino, Raspberry Pi, Android, Python, Django, Machine Learning**

## AWARDS & HONORS

- **First Place**, CTF, Prodaft/Invictus Europe, Turkey, May 2016
- **First Place**, CTF, STM Defence Technologies & Engineering Inc., Turkey, Oct 2015
- **First Place**, Web Application CTF, Ankara University & Octosec Information Security Team, Turkey, May 2014
- **First Place of Turkey**, 67th Team of All, IEEEExtreme Programming Competition 9.0, Oct 2015
- **Second Place**, among foreign participants, Open All-Ukrainian Collegiate Programming Contest, Ukraine, Oct 2014
- **Honorable Mention**, Hash Code, Google, Feb 2016
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2014
- **Honorable Mention**, ACM ICPC, SEERC, Ukraine, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 7.0, Oct 2013
- **Honorable Mention**, IEEEExtreme Programming Competition 6.0, Oct 2012
- **Honorable Mention**, IEEEExtreme Programming Competition 5.0, Oct 2011
- **High Honor Student**, METU Computer Engineering, Feb 2016
- **Certificate**, MCNA - Network(Fast), Middle East Technical University - Continuous Education Center, May 2014

## EXTRA-CURRICULAR ACTIVITIES

- Active member of METU-CENG ACM Student Chapter
- SAYOKAN (Turkish Martial Art)
- Student Member of IEEE (2011-Present)
- Student Member of ACM (2013-Present)